

Amendments to the Claims:

Please cancel claims 1, 11 and 16 without prejudice or disclaimer of the subject matter thereof, rewrite claims 9, 10, 13 and 14 in independent form and amend claims 3, 5 - 8, 12 and 15 as follows.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (canceled)

Claim 2 (canceled)

3. (currently amended) A screen according to claim-4 9, wherein the first member includes lenticular lenses.

4. (previously presented) A screen according to claim 3, wherein the lenticular lenses are disposed at a light incidence side of the first member.

5. (currently amended) A screen according to claim-4 9, wherein the first member enables spreading of the light emitted from the Fresnel lens sheet at the emission side thereof.

6. (currently amended) A screen according to claim-4 9, wherein a pitch of said light passing units formed on said first member is made smaller than a pitch in the horizontal direction of the pixels projected and enlarged on said screen from said image produced by said picture display device.

7. (currently amended) A screen according to claim ~~4~~ 9, wherein a reflection preventing film is formed on a picture observation side of said second member.

8. (currently amended) A screen according to claim ~~4~~ 9, wherein said second member includes a light scattering material for scattering the light.

9. (currently amended) ~~A screen according to claim 1~~ A screen for allowing light generated by a light source and modulated by a picture display device having pixels extending in a vertical and in a horizontal direction and laid out to form a matrix to produce an image thereon to be projected on said screen as an enlarged picture, said screen comprising:

a Fresnel lens sheet forming Fresnel lenses at an emission side of said light;

a first member disposed for receiving light emitted from said Fresnel lens sheet and having light passing units formed at a light emission side of said first member, and a plurality of light absorbing portions, one of the light absorbing portions being provided between said light passing units; and

a second member placed on said emission side of said first member and adhered to said first member;

wherein a pitch in the vertical direction of the pixels projected and enlarged on said screen from said image produced by said picture display device is at least twice of a pitch of said Fresnel lenses formed on said Fresnel lens sheet; and,

wherein a ratio (L_p/F_p) between a pitch L_p of said light absorbing portions and a pitch F_p of said Fresnel lens is within a range of 1.558 to 1.649.

10. (currently amended) ~~A screen according to claim 4 for allowing light generated~~
by a light source and modulated by a picture display device having pixels extending
in a vertical and in a horizontal direction and laid out to form a matrix to produce an
image thereon to be projected on said screen as an enlarged picture, said screen
comprising:

_____ a Fresnel lens sheet forming Fresnel lenses at an emission side of said light;

_____ a first member disposed for receiving light emitted from said Fresnel lens
sheet and having light passing units formed at a light emission side of said first
member, and a plurality of light absorbing portions, one of the light absorbing
portions being provided between said light passing units; and

_____ a second member placed on said emission side of said first member and
adhered to said first member;

_____ wherein a pitch in the vertical direction of the pixels projected and enlarged on
said screen from said image produced by said picture display device is at least twice
of a pitch of said Fresnel lenses formed on said Fresnel lens sheet; and,

wherein a pitch $Mp1$ of moire fringes, which are generated due to interference
between said light absorbing portions and said Fresnel lenses, is less than to a pixel
pitch lph in the horizontal direction.

Claim 11 (canceled)

12. (currently amended) ~~A screen according to claim-11~~ 13, wherein the following
further condition is satisfied:

$lph > Lp$,

where a pitch of said light absorbing portions is L_p , and a pixel pitch of said image display element in a horizontal direction is l_{ph} .

13. (currently amended) A screen according to claim 11, on which a display picture of an image display element, on which pixels are aligned in a matrix manner, is projected enlargedly, comprising:

a first sheet on which Fresnel lenses are formed at a picture observation side;

a second sheet being disposed at the picture observation side of said first sheet; and

a third sheet being disposed at a picture observation side of said second sheet, said third sheet being one of adhered and bonded upon a picture observation side surface of said second sheet;

wherein, on the picture observation side of said second sheet opening portions for emitting light therethrough are disposed, said opening portions being formed so as to extend in a direction perpendicular to said screen, and light absorbing portions are alternately disposed in a horizontal direction of said screen;

wherein the following condition is satisfied:

$$l_{pv}/F_p \geq 2,$$

where a pixel pitch of said image display element in a vertical direction is l_{pv} , which is projected upon said screen enlargedly, and a pitch of the Fresnel lenses which are formed on said first sheet is F_p ; and

wherein a ratio (L_p/F_p) between a pitch L_p of said light absorbing portions and the pitch F_p of said Fresnel lenses satisfies the following condition:

$$1.558 \leq L_p/F_p \leq 1.649.$$

14. (currently amended) A screen according to claim 11, on which a display picture of an image display element, on which pixels are aligned in a matrix manner, is projected enlargedly, comprising:

_____ a first sheet on which Fresnel lenses are formed at a picture observation side;

_____ a second sheet being disposed at the picture observation side of said first sheet; and

_____ a third sheet being disposed at a picture observation side of said second sheet, said third sheet being one of adhered and bonded upon a picture observation side surface of said second sheet;

_____ wherein, on the picture observation side of said second sheet opening portions for emitting light therethrough are disposed, said opening portions being formed so as to extend in a direction perpendicular to said screen, and light absorbing portions are alternately disposed in a horizontal direction of said screen;

_____ wherein the following condition is satisfied:

$$\text{I}_{pv}/F_p \geq 2,$$

where a pixel pitch of said image display element in a vertical direction is I_{pv} , which is projected upon said screen enlargedly, and a pitch of the Fresnel lenses which are formed on said first sheet is F_p ; and

wherein the following further condition is satisfied:

$$M_{p1} < \text{I}_{ph},$$

where a pitch of moire fringes, which are generated due to interference between said light absorbing portions and said Fresnel lenses, is M_{p1} , and a pixel pitch of said image display element in a horizontal direction is I_{ph} .

15. (currently amended) A screen according to claim ~~14~~ 13, wherein said third sheet includes a light scattering material for scattering the light.

Claim 16 (canceled)

17. (previously presented) A screen, on which a display picture of an image display element, on which pixels are aligned in a matrix manner, is projected enlargedly, comprising:

a first sheet on which Fresnel lenses are formed at a picture observation side;

a second sheet being disposed at the picture observation side of said first sheet; and

a third sheet being disposed at a picture observation side of said second sheet, said third sheet being one of adhered and bonded upon a picture observation side surface of said second sheet;

wherein said third sheet includes a light scattering material for scattering the light;

wherein, on the picture observation side of said second sheet, opening portions for emitting the light therethrough are disposed, said opening portions being formed so as to extend in a perpendicular direction of said screen, and light absorbing portions are alternately disposed in a horizontal direction of said screen; and

wherein a pixel pitch of said image display element in a perpendicular direction, which is projected upon said screen enlargedly, is at least equal to twice of a pitch of said Fresnel lenses which are formed on said first sheet, and a ratio

(L_p/F_p) between a pitch L_p of said light absorbing portions and a pitch F_p of said Fresnel lenses is within a range of 1.558 to 1.649.

18. (previously presented) A screen, according to claim 17, wherein a pixel pitch of said image display element in a horizontal direction, which is projected upon said screen enlargedly, is larger than the pitch of said light absorbing portions.

19. (previously presented) A screen, according to claim 17, wherein a pitch $Mp1$ of moire fringes, which are generated due to interference between said light absorbing portions and said Fresnel lenses, is less than a pixel pitch lph of said image display element in the horizontal direction.

20. (previously presented) A screen, according to claim 17, wherein lenticular lenses for scattering the light in a horizontal direction are provided at a light incident side of said second sheet and said lenticular lenses are formed so as to extend a direction perpendicular to said screen.

21. (previously presented) A screen, according to claim 17, wherein the picture observation side surface of said second sheet is one of adhered and bonded to said third sheet, thereby to substantially eliminate an air boundary surface between said second sheet and said third sheet.